

Fig. 1

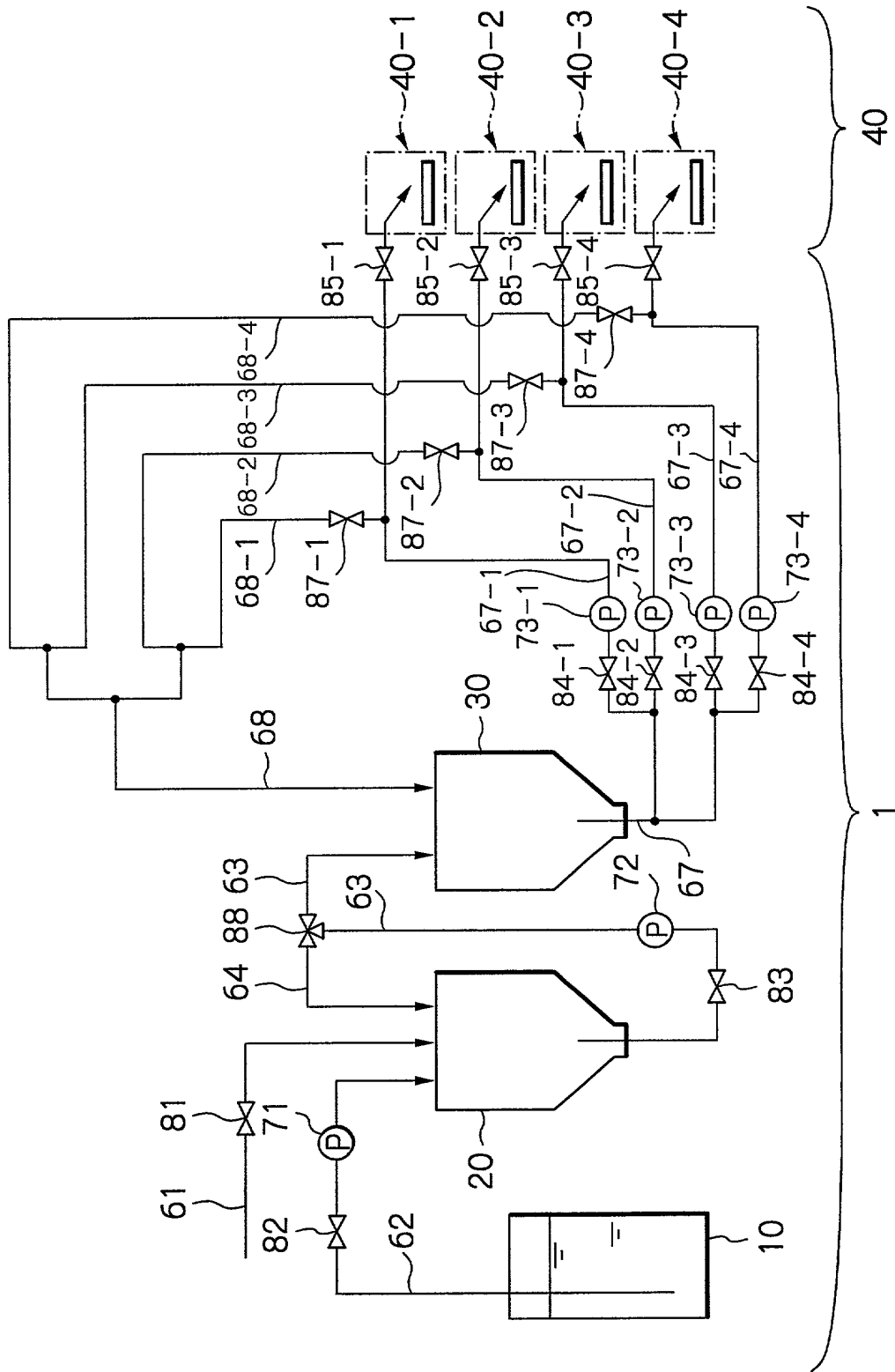


Fig. 2

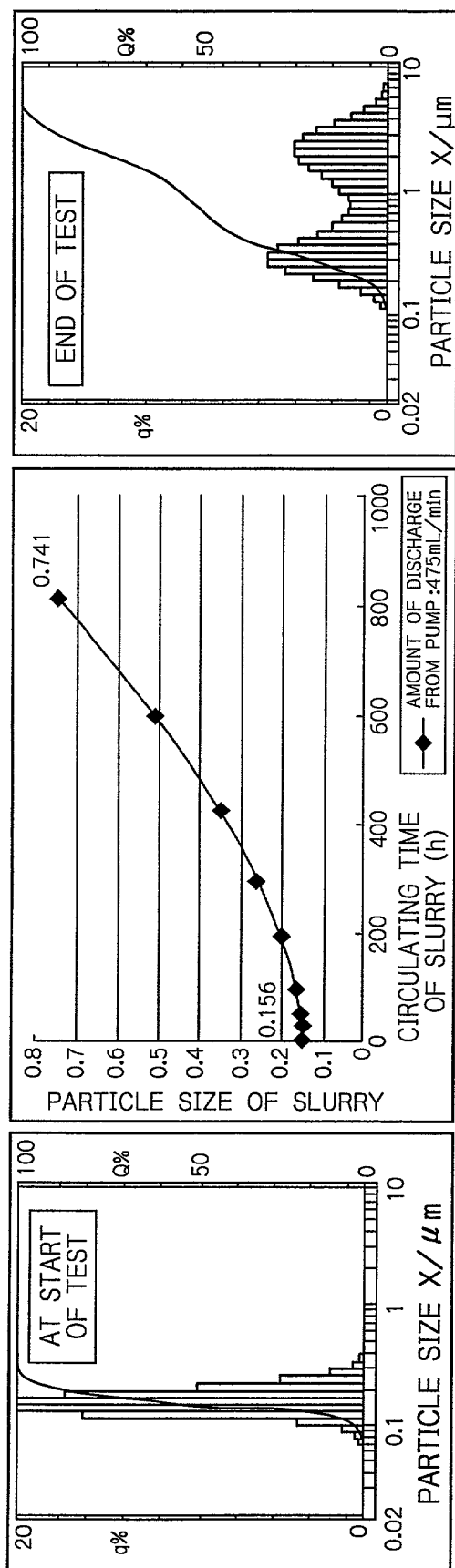


Fig. 3

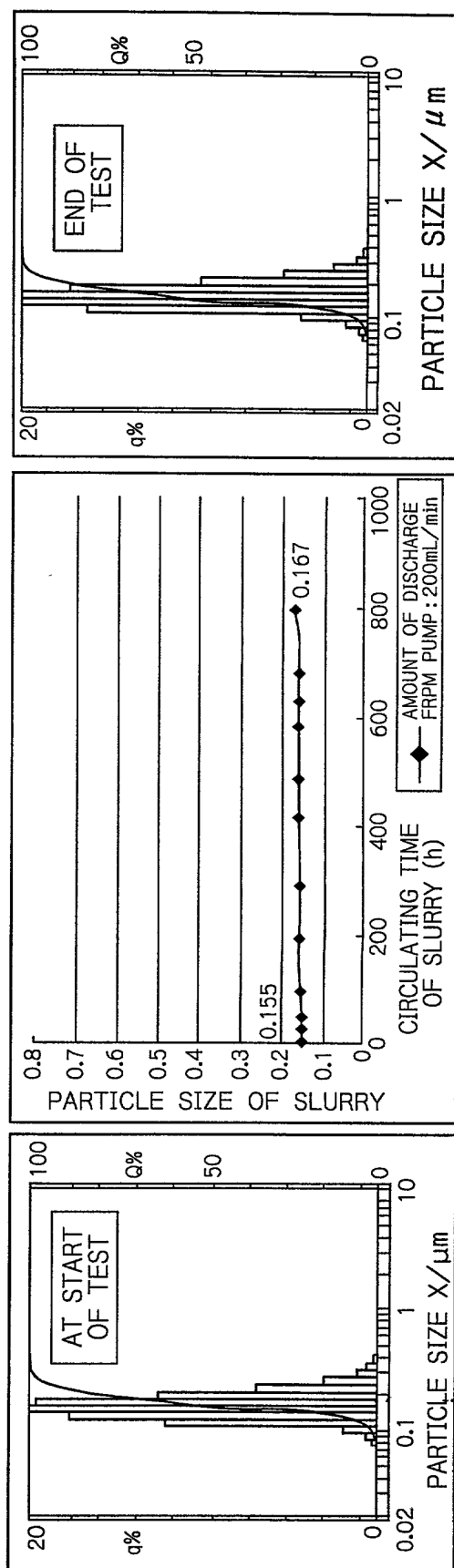


Fig. 4

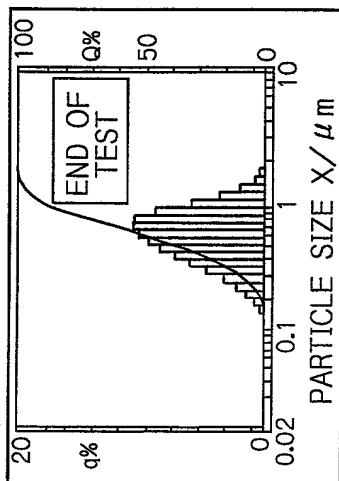
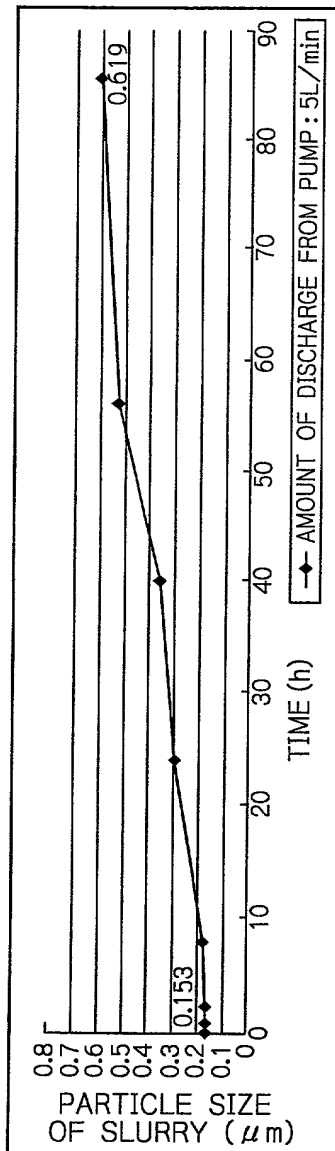


Fig. 5

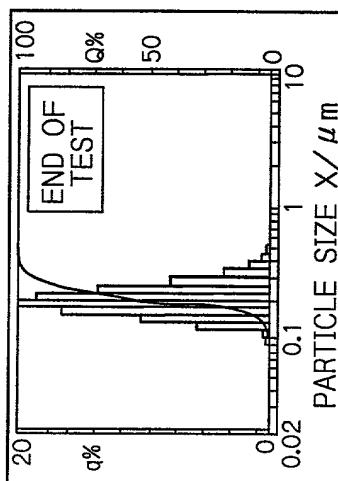
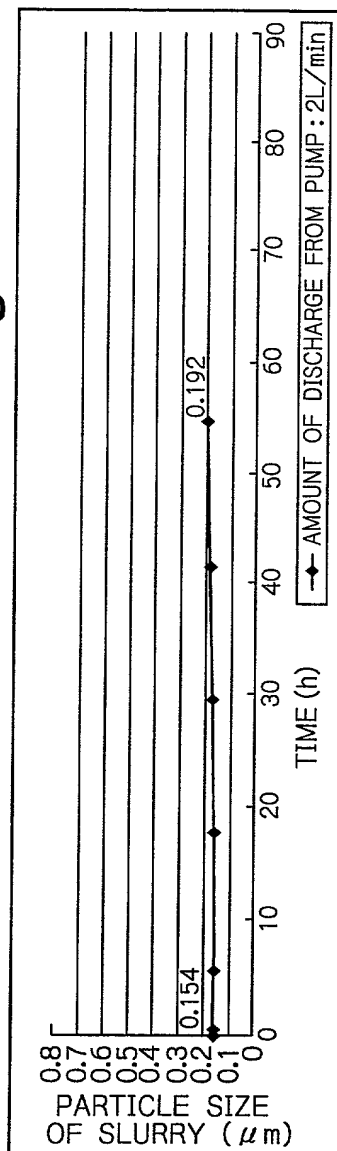


Fig. 6

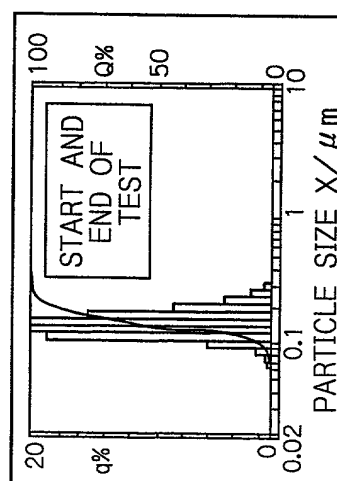
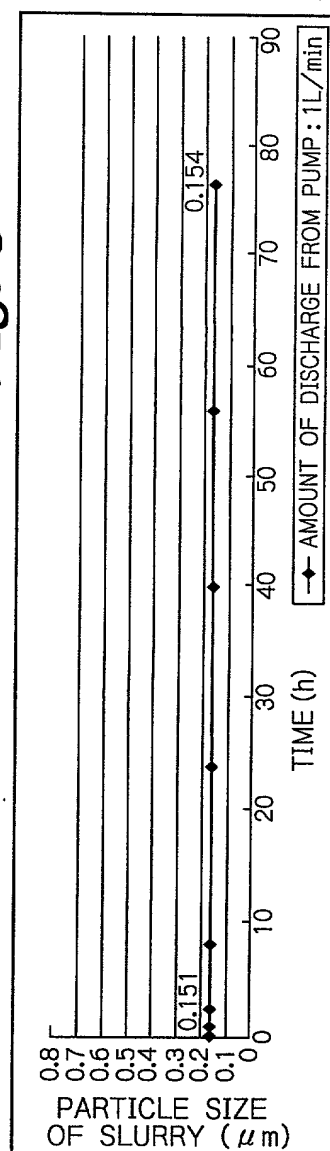


Fig. 7

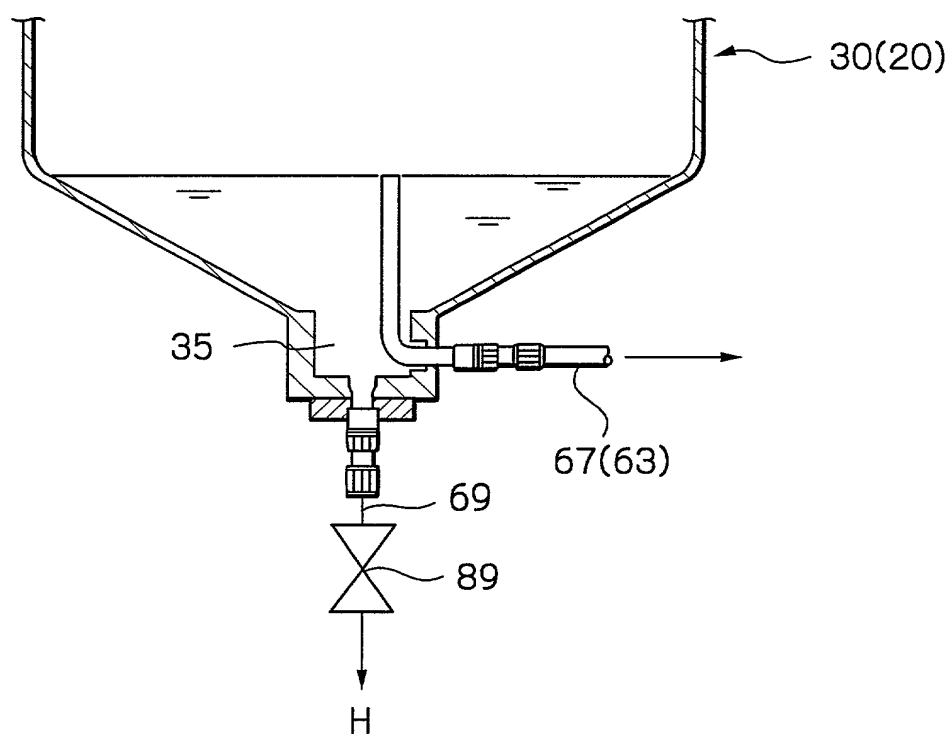


Fig. 8

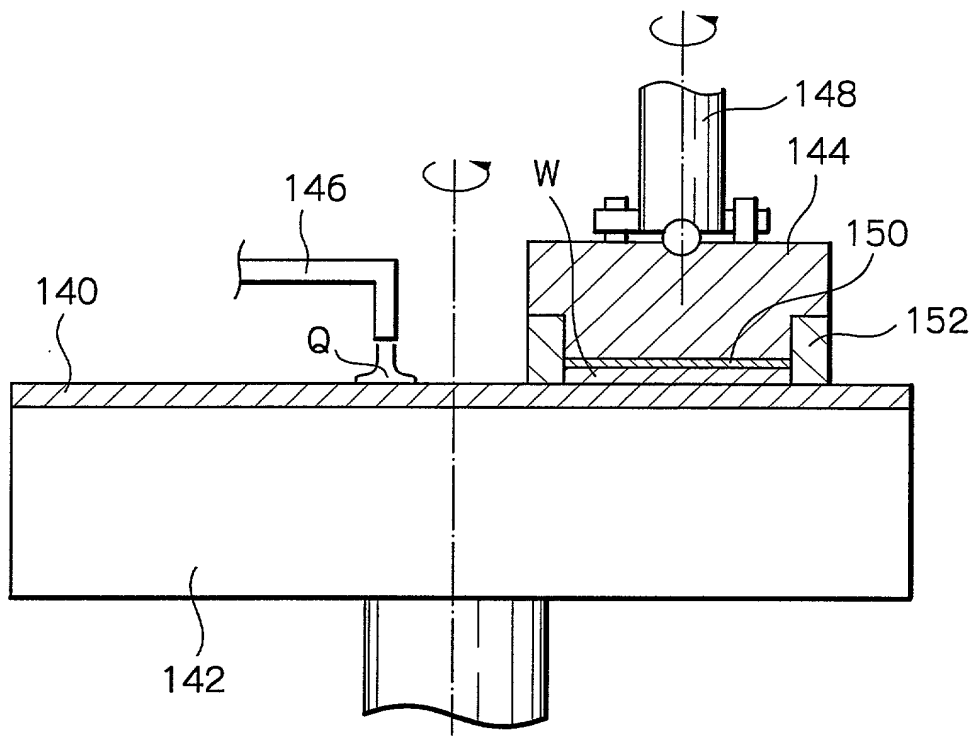


Fig. 9

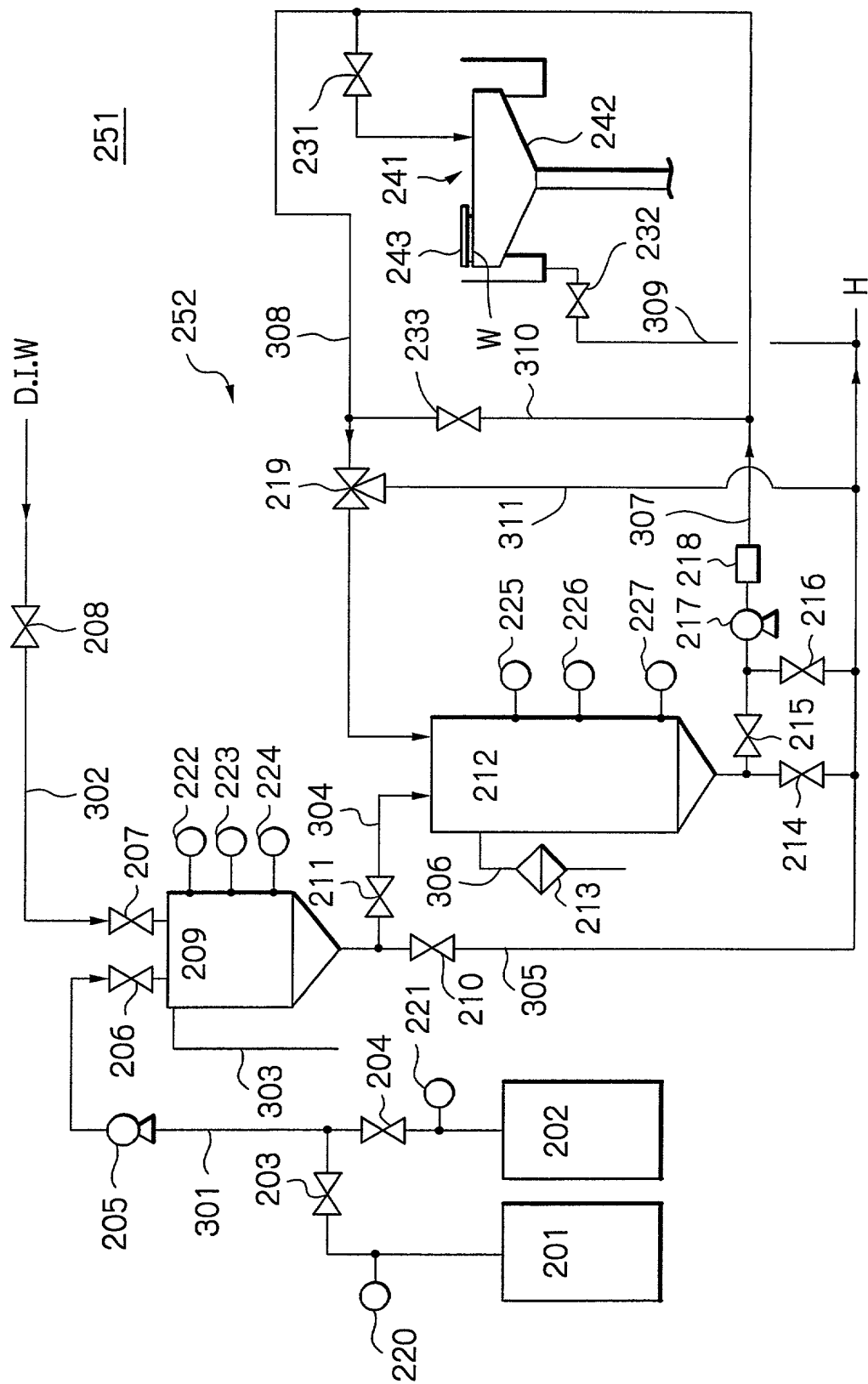


Fig. 10

CASE NO.	CASE 1	CASE 2	CASE 3
INITIAL CONCENTRATION OF SLURRY	4.7 wt%	4.7% wt%	4.5% wt%
CONCENTRATION DIFFERENCE (INITIAL CONCENTRATION +/- DEVIATION)	LESS THAN +/-4%	LESS THAN +/-4%	LESS THAN +/-32%
FLOW VELOCITY INSIDE SUPPLY TANK	0.00531 m/s	0.00265 m/s	0.00074 m/s
FLOW VELOCITY INSIDE PIPE	0.842 m/s	0.421 m/s	0.118 m/s
SECTIONAL AREA OF SUPPLY TANK	31,400 mm ²	31,400 mm ²	31,400 mm ²
TANK DIAMETER	200 mm	200 mm	200 mm
CIRCULATING FLOW RATE	10 L/min	5 L/min	1.4 L/min
PIPE DIAMETER	15.88 mm	15.88 mm	15.88 mm
PROPERTY OF SLURRY	SETTLING SLURRY (CERIA, ALUMINA TYPE)	SETTLING SLURRY (CERIA, ALUMINA TYPE)	SETTLING SLURRY (CERIA, ALUMINA TYPE)